



TA-611

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

NIGEL DOE

Serial No.: 10/617,712

Filed: July 14, 2003

For: DEVICES, SYSTEMS, AND
METHODS FOR SENSING
TEMPERATURE OF A DRAG CUP
IN A RHEOMETER MOTOR

Art Unit: Unknown

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record in the above-identified application the document or documents referenced on the attached Form PTO-1449. A copy of each reference is enclosed herewith.

The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper. However, should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-1390, under Order No. TA-611 and proceed to consider this Information Disclosure Statement.

Serial No.: 10/617,712
Art Unit: Unknown

Attorney's Docket No.: TA-611
Page 2

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that each reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This submission does not represent that any referenced document is material or constitutes "prior art." If it should be determined that one or more of the referenced documents constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the reference or references.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over any referenced document, should it be applied against the claims of the present application.

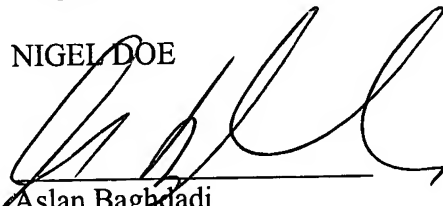
SHAW PITTMAN LLP
1650 Tysons Boulevard
McLean, VA 22102
Tel: 703/770-7608

Date: October 2, 2003

Respectfully submitted,

NIGEL DOE

By:


Aslan Baghdadi
Registration No. 34,542



28970

PATENT TRADEMARK OFFICE



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|--|--------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 1 of 3 | | Complete if Known | |
| | | Application Number | 10/617,712 |
| | | Filing Date | July 14, 2003 |
| | | First Named Inventor | Doe |
| | | Art Unit | |
| | | Examiner Name | Not Yet Assigned |
| | | Attorney Docket Number | TA-611 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------------------|--------------------------|---|--------------------------------|--|---|
| Examiner Initials ¹ | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number- Kind Code ² (if known) | | | |
| | | US-4,524,611 | 6/25/85 | Richon et al. | |
| | | US-4,602,501 | 7/29/86 | Hirata | |
| | | US-5,040,410 | 8/20/91 | Chu et al. | |
| | | US-6,018,988 | 2/1/00 | Persson | |
| | | US-6,499,336 | 12/31/02 | Raffer | |
| | | US-1,658,950 | 2/1928 | Stein | |
| | | US-2,096,222 | 10/1937 | Bock | |
| | | US-2,382,979 | 8/1945 | Demb | |
| | | US-2,437,194 | 3/1948 | Harrington | |
| | | US-2,703,006 | 3/1955 | Savins | |
| | | US-2,807,160 | 9/1957 | Asbeck | |
| | | US-2,982,132 | 5/1961 | Mendlowitz | |
| | | US-3,435,666 | 4/1969 | Fann | |
| | | US-3,592,060 | 7/1971 | Lavernman | |
| | | US-3,875,788 | 4/1975 | Mills | |
| | | US-3,935,726 | 2/1976 | Heinz | |
| | | US-3,962,907 | 6/1976 | Peyrouset et al. | |
| | | US-4,185,493 | 1/1980 | Frosch et al. | |
| | | US-4,379,775 | 4/1983 | Bransteter et al. | |
| | | US-4,445,365 | 5/1984 | Selby | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|--|--------------------------------|---|---|--------------------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | FR 2 389 884 | 1/1979 | | | <input type="checkbox"/> |
| | | SU 1392-453 | 4/1986 | | | <input type="checkbox"/> |
| | | SU 1769-083 | 10/1992 | | | <input type="checkbox"/> |
| | | WO 94/20832 | 9/1994 | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |

| | |
|-----------------------|--------------------|
| Examiner Signature | Date Considered |
|-----------------------|--------------------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------|--------------------------|------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 10/617,712 |
| | | Filing Date | 7/14/03 |
| | | First Named Inventor | Doe |
| | | Art Unit | |
| | | Examiner Name | Not Yet Assigned |
| Sheet 2 | of 3 | Attorney Docket Number | TA-611 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|---|--------------------------------|--|---|
| Examiner Initials | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number- Kind Code ² (if known) | | | |
| | | US-4,466,276 | 8/1984 | Ruyak et al. | |
| | | US-4,468,953 | 9/1984 | Garritano | |
| | | US-4,612,799 | 9/1986 | Choi et al. | |
| | | US-4,630,468 | 12/1986 | Sweet | |
| | | US-4,633,708 | 1/1987 | Bloommaert | |
| | | US-4,643,021 | 2/1987 | Mattout | |
| | | US-4,878,377 | 11/1989 | Abel | |
| | | US-5,167,143 | 12/1992 | Brookfield | |
| | | US-5,223,227 | 6/1993 | Zuckerman | |
| | | US-5,308,953 | 5/1994 | Grudzein, Jr. et al. | |
| | | US-5,526,681 | 9/1996 | Selby | |
| | | US-5,587,522 | 12/1996 | Selby | |
| | | US-5,777,212 | 7/1998 | Sekiguchi et al. | |
| | | US-6,164,818 | 12/2000 | Dick et al. | |
| | | US-6,240,770 | 6/2001 | Raffer | |
| | | US-6,588,254 | 7/2003 | Doe | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|--|--------------------------------|---|---|--------------------------|
| Examiner Initials | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | | | | |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |

| | |
|-----------------------|--------------------|
| Examiner Signature | Date Considered |
|-----------------------|--------------------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|-----------------------------|------------------|-------------------------------|--------|
| Substitute for form 1449B/PTO | | Complete if Known | | | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Application Number | 10/617,712 | | |
| | | Filing Date | 7/14/03 | | |
| | | First Named Inventor | Doe | | |
| | | Group Art Unit | | | |
| | | Examiner Name | Not Yet Assigned | | |
| Sheet | 3 | of | 3 | Attorney Docket Number | TA-611 |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS | | | |
|---|---------------------------------|--|--------------------------|
| Examiner Initials | Cite No.¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | | Physica MCR 300, Modular Compact Rheometer Manual, April 1999 | <input type="checkbox"/> |
| | | TA Instruments Rheometers Manual, No Date | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |

| | | | |
|-------------------------------|--|----------------------------|--|
| Examiner Signature | | Date Considered | |
|-------------------------------|--|----------------------------|--|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.